IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of
LARSSON, P. et al.

Atty. Ref.: 4147-55

Serial No. 10/729,846

TC/A.U.:

Filed: December 8, 2003

Examiner:

For: MULTI-USER DIVERSITY FORWARDING

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May 4, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the attached form PTO-1449, a copy of each of which is enclosed.

The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

Respectfully submitted,

NIXON & VANDERHYE P.C.

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
4147-55	10/729,846
APPLICANT	
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2002/0051425 A1	5/2002	Larsson			
		6,618,433	9/2003	Yellin			
		6,097,703	8/2000	Larsen			

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
		98/56140	12/10/98	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

		Seedex: A Mac Protocol for ad hoc networks, Rozovsky et al., Dept of Electrical and Computer Engineering, and Coordinated Science Laboratory, pages 67-75.
		Optimal transmission Ranges and Code Rates for Frequency-Hop Packet Radio Networks, M. Subbarao et al., IEEE Transactions on Communications, Vol. 48, No. 4, April 2000, pages 670-678.
		3GPP2 C.S0024, Version 2, October 27, 2000, CDMA 2000 High Rate Packet Data Air Interface Specification, 3rd Generation Partnership Project 2, 3GPP2.
		Opportunistic Beamforming Using Dumb Antennas, IEEE Transaction on Information Theory, Vol. 48, No. 6, June 2002, Viswanath et al., pages 1277-1294.
		Network Protocols for Frequency-Hop Packet Radios with Decoder Side Information, Pursley et al, IEEE Journal on Selected Areas in Communications, Vol. 12, No. 4, May 1994, pages 612-621.

*Examiner		Date Considered	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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		The DARPA Packet Radio Network Protocols, Jubin et al., Proceedings of the IEEE, Vol. 75, No. 1, January 1987, pages 21-32.
		3GPP TS [25.308] VO.1.0 (2001-09), 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; UTRA High Speed Downlink Packet Access; Overall Description; Stage 2, (Release 5), pages 1-28.
		The Spatial Capacity of a Slotted ALOHA Multihop Packet Radio Network with Capture, Nelson et al., IEEE Transactions on Communications, Vol. Com. 32, No. 6, June 1984.
		Position Based CDMA with Multiuser Detection (P-CDMA/MUD) for Wireless Ad Hoc Networks, Rodoplu et al., IEEE 6h Int. Symp. on Spread-Spectrum Tech & Appli., Sept. 6-8, 2000.
		Scheduling and Performance of Multihop Radio Networks with Mutliuser Detection, Shrader et al., Radio Communications Systems.
		Slot Allocations Strategies For TDMA Protocols in Multihop Packet Radio Networks, Chou et al., 1992 IEEE.

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